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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/751,806	12/29/2000	Min Zhu	M-8859 US	5229

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EXAMINER
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KANG, PAUL H

ART UNIT	PAPER NUMBER
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2141

DATE MAILED: 11/18/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<p align="center"><b>Office Action Summary</b></p>	<p>Application No.</p> <p align="center">09/751,806</p>	<p>Applicant(s)</p> <p align="center">ZHU ET AL.</p>	
	<p>Examiner</p> <p align="center">Sajid A. Yussuf</p>	<p>Art Unit</p> <p align="center">2141</p>	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE \_\_\_\_ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 29 December 2000 and 02 November 2004.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 19-34 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 19-34 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 29 December 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                        | 4) <input type="checkbox"/> Interview Summary (PTO-413)                     |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)               | Paper No(s)/Mail Date. ____   |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>6/14/04</u> .   | 6) <input type="checkbox"/> Other: ____                                     |

**DETAILED FINAL ACTION**

***Specification***

1. The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. ***Claim(s) 19-34 is/are rejected under 35 U.S.C. 102(b) as being anticipated by Ludwig et al. (US Patent No. 5,884,039 and Ludwig hereinafter).***

4. As per claim(s) 19 & 28 Ludwig discloses a web zone for allowing a plurality of client computers to access the scalable system via a global-area network, the web zone having at least one web server, (See Column 8 Lines 15-26); a meeting zone for supporting an on-line conference among the plurality of client computers, the meeting zone having a meeting manager, a plurality of collaboration servers, and a plurality of application servers, wherein: the meeting manager is operable to manage the on-line conference in the meeting zone, (See Column 20 Lines 5-37); each collaboration server is operable to host at least a portion of the on-line conference, (See Column 20 Lines 5-37); and each application server is operable to support at least one service for the on-line conference; wherein the meeting zone allows an application program executing on one of the client computers in the on-line conference to be shared with at least a portion of the other client computers in the on-line conference, (See Column 19 Lines 30-67).

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5. As per claim(s) 20 Ludwig teaches the claimed invention as described in claim(s) 19 above and furthermore discloses wherein each collaboration server and each application server comprises a respective logical server, (See Column 8 Lines 15-26).

6. As per claim(s) 21 Ludwig teaches the claimed invention as described in claim(s) 19-20 above and furthermore discloses the meeting zone comprises a process manager for monitoring each logical server, (See Column 41 Lines 50-67).

7. As per claim(s) 22 Ludwig teaches the claimed invention as described in claim(s) 19-21 above and furthermore discloses the meeting zone comprises a zone manager for supporting communication among the logical servers, (See Column 9 Lines 1-20).

8. As per claim(s) 23 Ludwig teaches the claimed invention as described in claim(s) 19-22 above and furthermore discloses the meeting manager is operable to maintain status information for the meeting zone, (See Figure 4 Item 42 & 44).

9. As per claim(s) 24 Ludwig teaches the claimed invention as described in claim(s) 19-23 above and furthermore discloses the at least one service for the on-line conference comprises one of document viewing, file sharing, video, voice over LP, telephony, polling, chat, and application sharing, (See Column 3 Lines 5-45).

10. As per claim(s) 25 Ludwig teaches the claimed invention as described in claim(s) 19-24 above and furthermore discloses the meeting manager is operable to manage all the collaboration servers and the application servers in the meeting zone, (See Figure 4).

11. As per claim(s) 26 Ludwig teaches the claimed invention as described in claim(s) 19-25 above and furthermore discloses the meeting manager is operable to determine whether a

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predetermined number of authorized conference participants has been exceeded, (See Column 41 Lines 50-67).

12. As per claim(s) 27 Ludwig teaches the claimed invention as described in claim(s) 19-26 above and furthermore discloses the meeting zone allows an application program executing on one of the client computers in the on-line conference to be viewed on at least a portion of the other client computers in the on-line conference, (See Column 6 Lines 10-60).

13. As per claim(s) 29 Ludwig teaches the claimed invention as described in claim(s) 28 above and furthermore discloses supporting the on-line conference comprises hosting the on-line conference in the meeting zone, (See Column 3 Lines 5-30).

14. As per claim(s) 30 Ludwig teaches the claimed invention as described in claim(s) 28-29 above and furthermore discloses supporting the on-line conference comprises managing the on-line conference in the meeting zone, (See Column 41 Lines 50-67).

15. As per claim(s) 31 Ludwig teaches the claimed invention as described in claim(s) 28-30 above and furthermore discloses supporting the on-line conference comprises supporting at least one service for the on-line conference, (See Column 3 Lines 5-35).

16. As per claim(s) 32 Ludwig teaches the claimed invention as described in claim(s) 28-31 above and furthermore discloses maintaining status information for the meeting zone, (See Figure 4 Item 42 & 44).

17. As per claim(s) 33 Ludwig teaches the claimed invention as described in claim(s) 28-32 above and furthermore discloses determining whether a predetermined number of authorized conference participants has been exceeded, (See Column 41 Lines 50-67).

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18. As per claim(s) 34 Ludwig teaches the claimed invention as described in claim(s) 28-33 above and furthermore discloses allowing an application program executing on one of the client computers in the on-line conference to be shared with at least a portion of the other client computers in the on-line conference, (See Column 6 Lines 10-60).

### **Conclusion**

19. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

20. A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

21. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sajid A. Yussuf whose telephone number is (571) 272-3891. The examiner can normally be reached on Monday-Thursday 7:30-5:00 PM and Alternate Fridays.


22. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia can be reached on (571) 272-3880. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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23. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Sajid Yussuf  
Patent Examiner  
Technology center 2100  
4 November 2004



  
RUPAL DHARIA  
SUPERVISORY PATENT EXAMINER